

ABSTRACT

2 Disclosed is a method for informing a mobile communication terminal of an entrance into
3 a specific service network in a mobile communication system and a method for changing an
4 incoming call indication mode to a vibration or silent mode. The method for informing a user of a
5 private mobile communication service possible area when a mobile communication terminal enters
6 a private mobile communication network being interoperable with a public mobile communication
7 network includes the steps of: a) upon receiving a system parameter message being broadcast by the
8 private mobile communication system, checking a predetermined bit for indicating the private
9 mobile communication service area contained in the system parameter message, and determining
10 whether the mobile communication terminal exists in the private mobile communication service
11 area; b) if the mobile communication terminal exists in the private mobile communication service
12 area, transmitting a location registration message having a predetermined registration type to the
13 private mobile communication system; c) receiving a message indicating a private mobile
14 communication service possible state from the private mobile communication system according to
15 registration result information of the private mobile communication system; and d) informing the
16 user of the private mobile communication service possible state.